

## SIERRA 10/17/12

**Aircraft:**

[SIERRA](#) ([See full schedule](#))

**Flight Number:**

75

**Payload Configuration:**

Galileo HSI

**Nav Data Collected:**

No

**Total Flight Time:**

4.2 hours

**Submitted by:**

Mark Sumich on 10/17/12

**Flight Segments:**

<b>From:</b>	NQX	<b>To:</b>	NQX
<b>Start:</b>	10/17/12 12:19 Z	<b>Finish:</b>	10/17/12 16:26 Z
<b>Flight Time:</b>	4.2 hours		
<b>Log Number:</b>	<a href="#">12R018</a>	<b>PI:</b>	Stanley Herwitz
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Multiple grid patterns were flown at 3000' MSL with 300m flight line spacing over the seagrass and coral sites. Key West Approach performed a very effective see and avoid role in advising general aviation traffic of the presence of SIERRA. The early morning skies gave way to increasing clouds later which reduced data quality. The aircraft and its systems performed without issue. There were delays in landing as this is a very highly utilized military airfield. KW ATC was very accommodating in squeezing us inbetween arrivals of fighters at the end of our mission.		

**Flight Hour Summary:**

	12R018	13R006
<b>Flight Hours Approved in SOFRS</b>	192	
<b>Flight Hours Previously Approved</b>		175.73
<b>Total Used</b>	16.27	0
<b>Total Remaining</b>		175.73

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/SIERRA\\_10\\_17\\_12\\_0](https://airbornescience.nasa.gov/flight_reports/SIERRA_10_17_12_0)

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*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

#### 12R018 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
<a href="#">11/15/11</a>	62	Check	0.75	0.75	191.25
<a href="#">11/15/11</a>	63	Check	1.12	1.87	190.13
<a href="#">08/24/12</a>	66	Check	1.2	3.07	188.93
<a href="#">10/13/12</a>	72	Check	0.9	3.97	188.03
<a href="#">10/14/12</a>	73	Science	3	6.97	185.03
<a href="#">10/17/12</a>	74	Check	0.5	7.47	184.53
<a href="#">10/17/12</a>	75	Science	4.2	11.67	180.33
<a href="#">10/18/12</a>	76	Science	1.2	12.87	179.13
<a href="#">10/20/12</a>	77	Science	3.4	16.27	175.73